

Figure 1

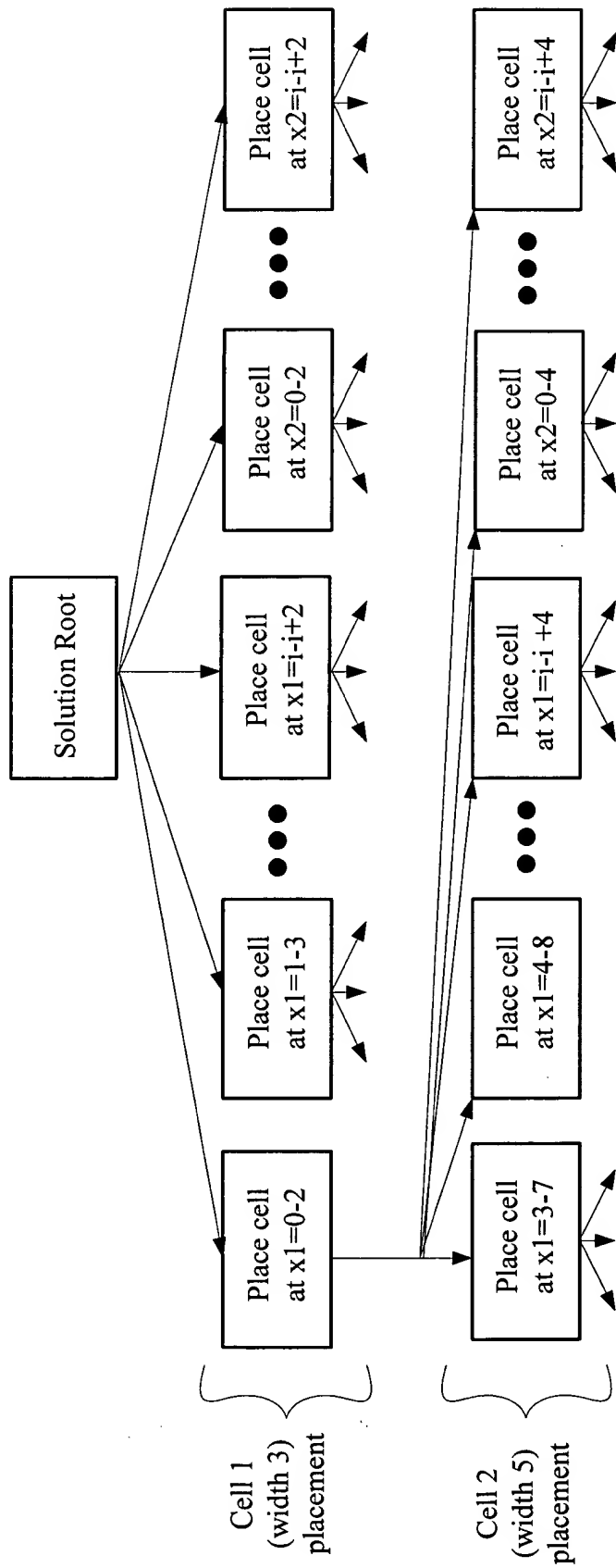


Figure 2

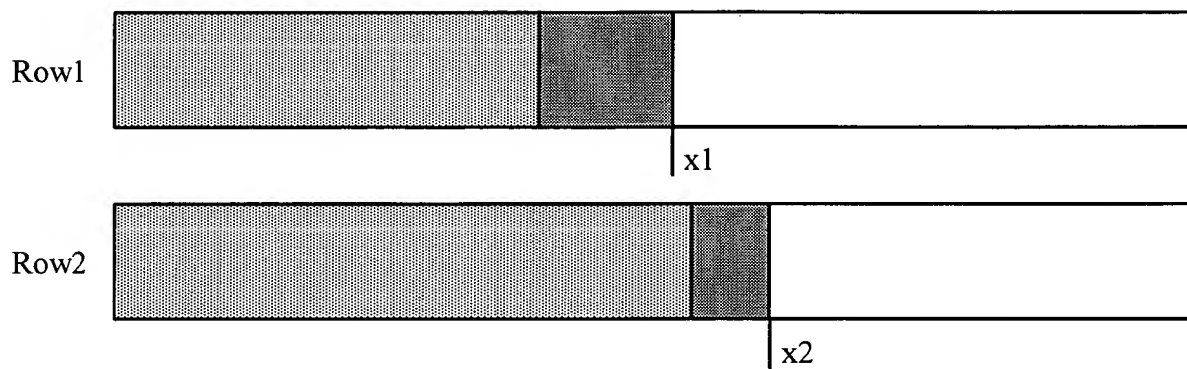


Figure 3

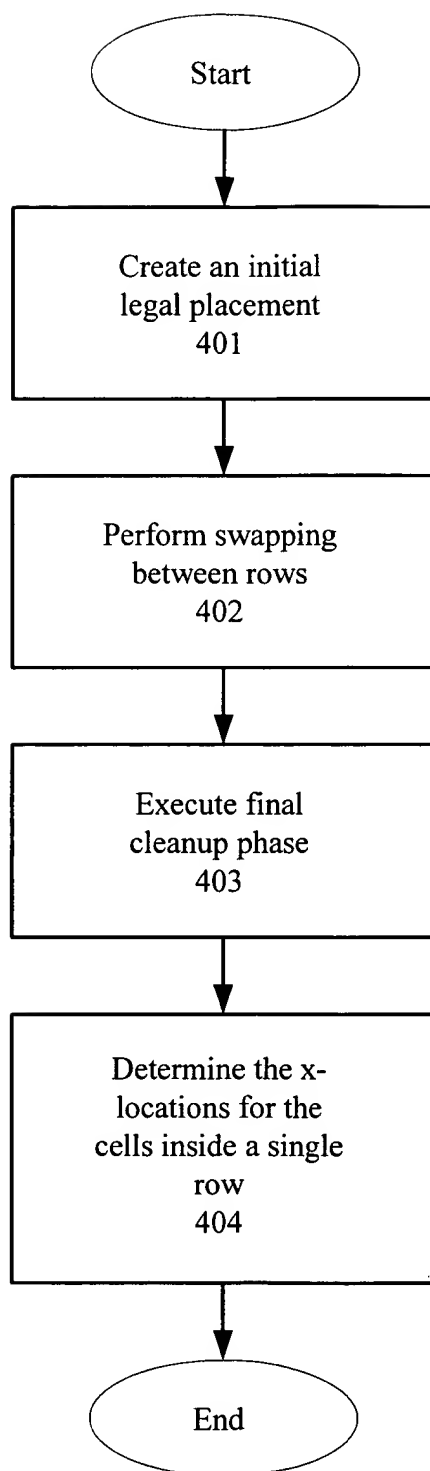


Figure 4

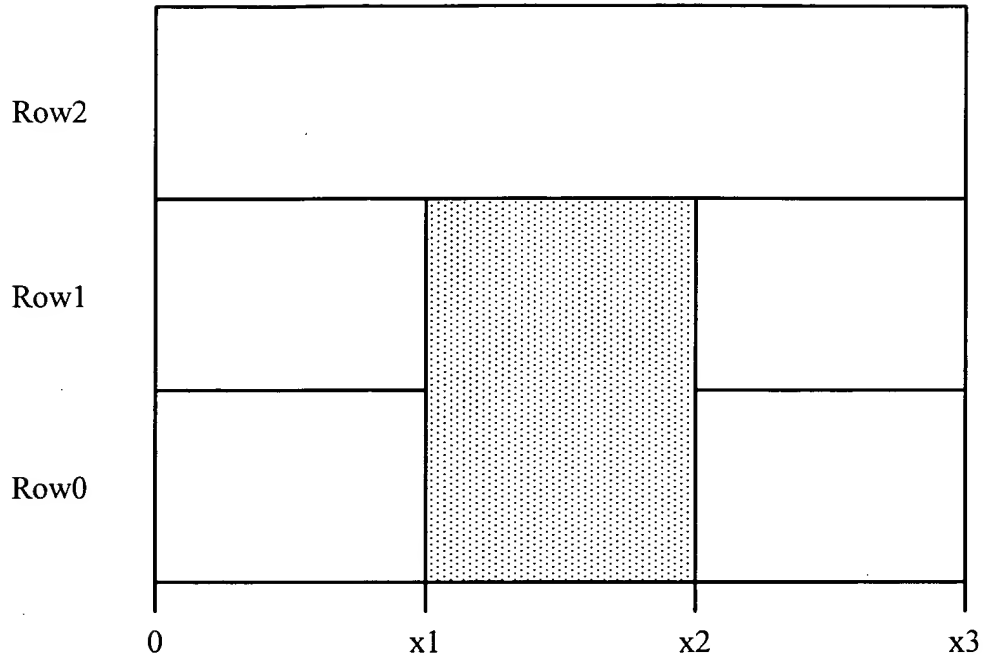
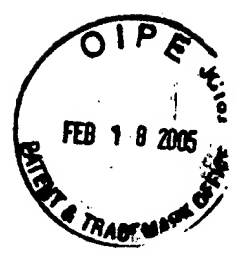


Figure 5

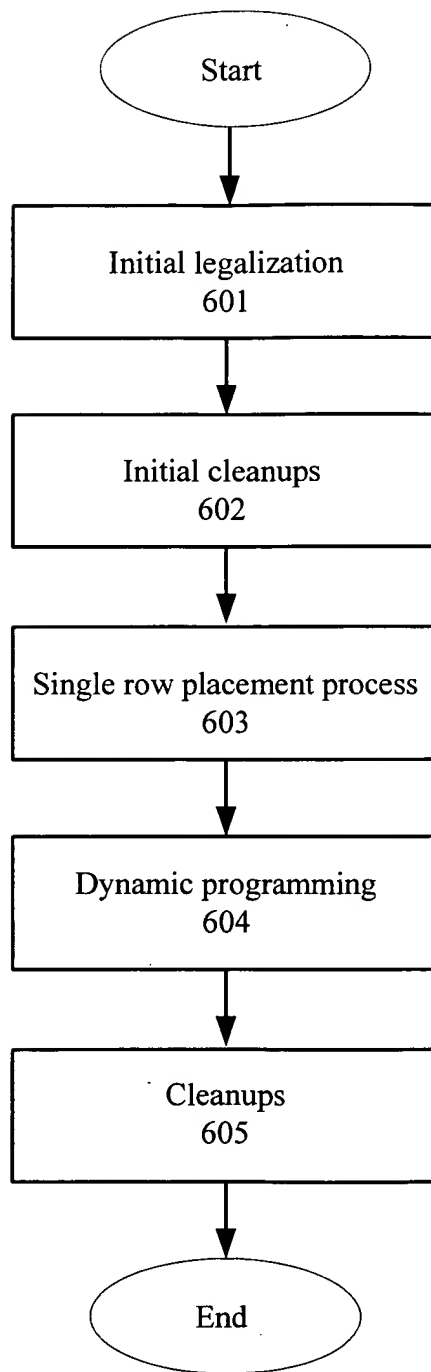
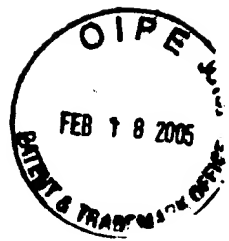
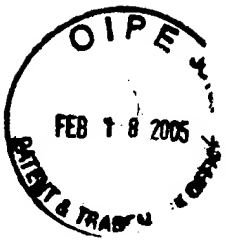


Figure 6



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Row 13
Row 12
Row 11
Row 10
Row 9
Row 8
Row 7
Row 6
Row 5
Row 4
Row 3
Row 2
Row 1
Row 0



701

Figure 7

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801

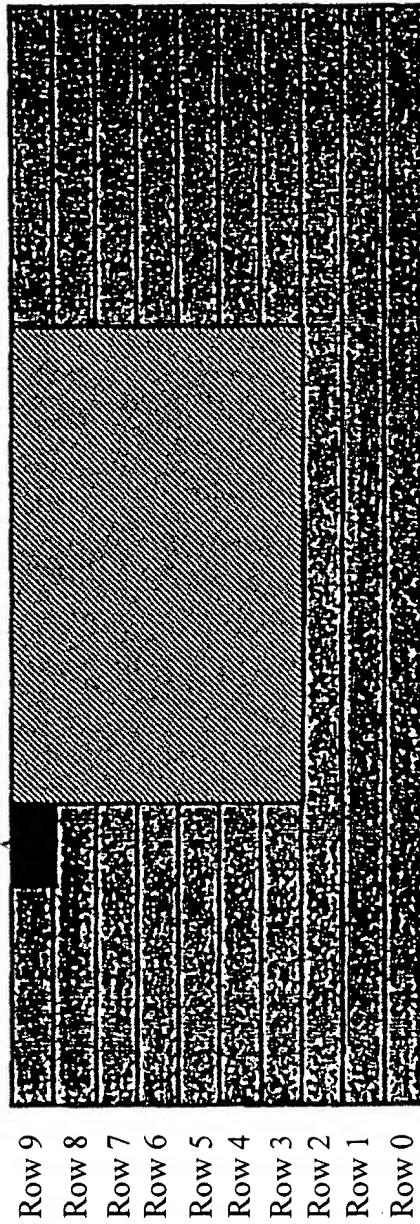


Figure 8

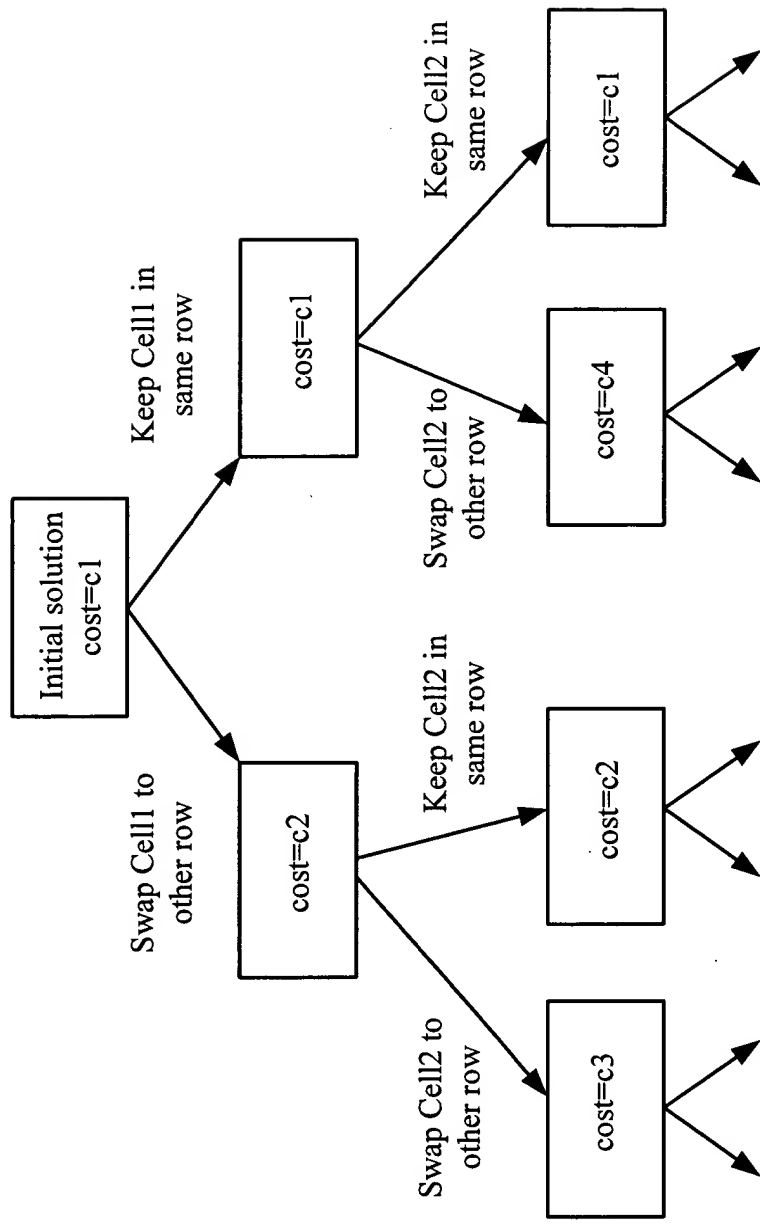


Figure 9

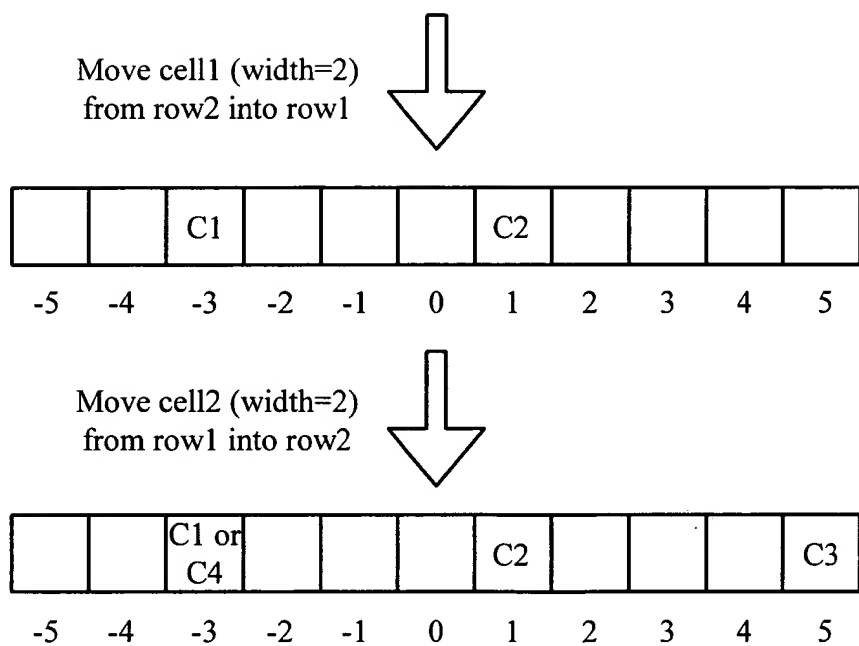


Figure 10

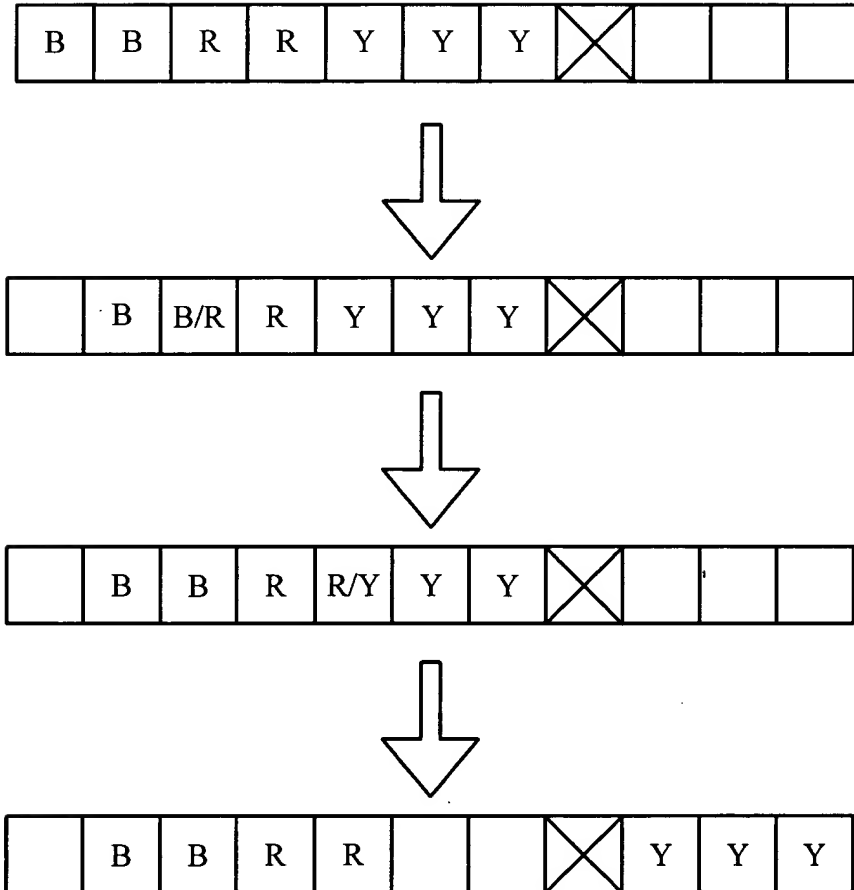


Figure 11

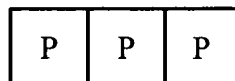
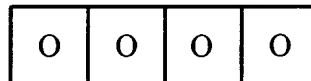
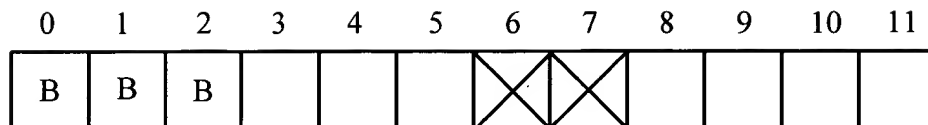


Figure 12

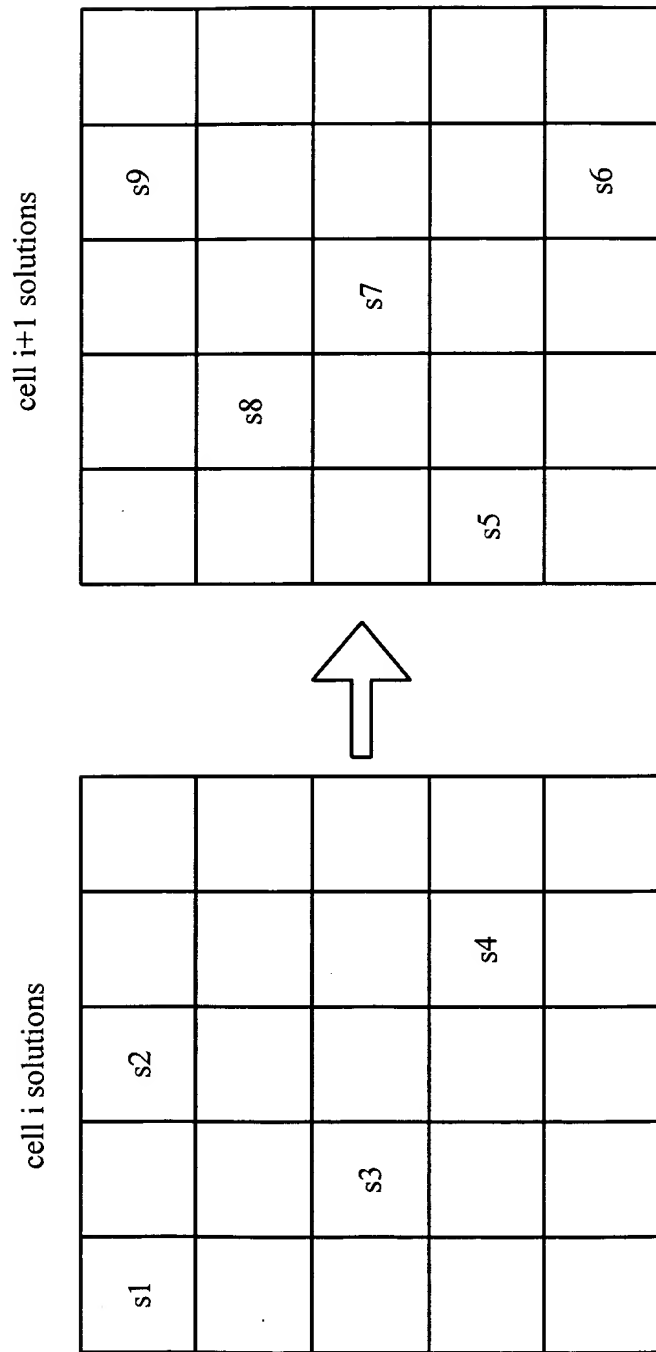
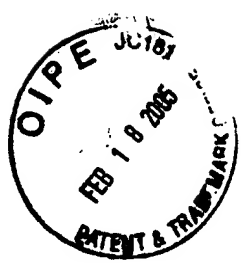
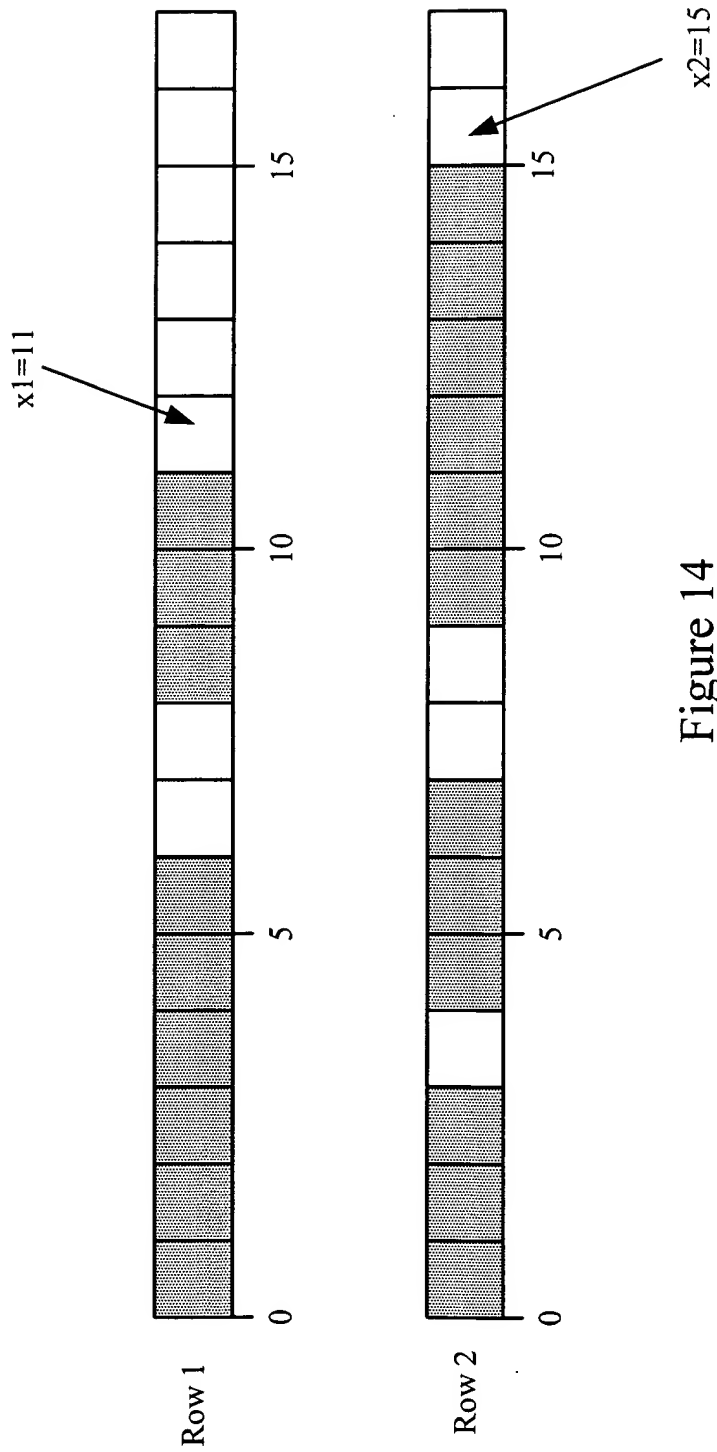
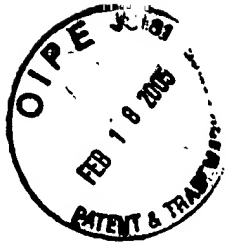


Figure 13



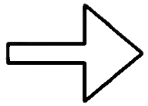
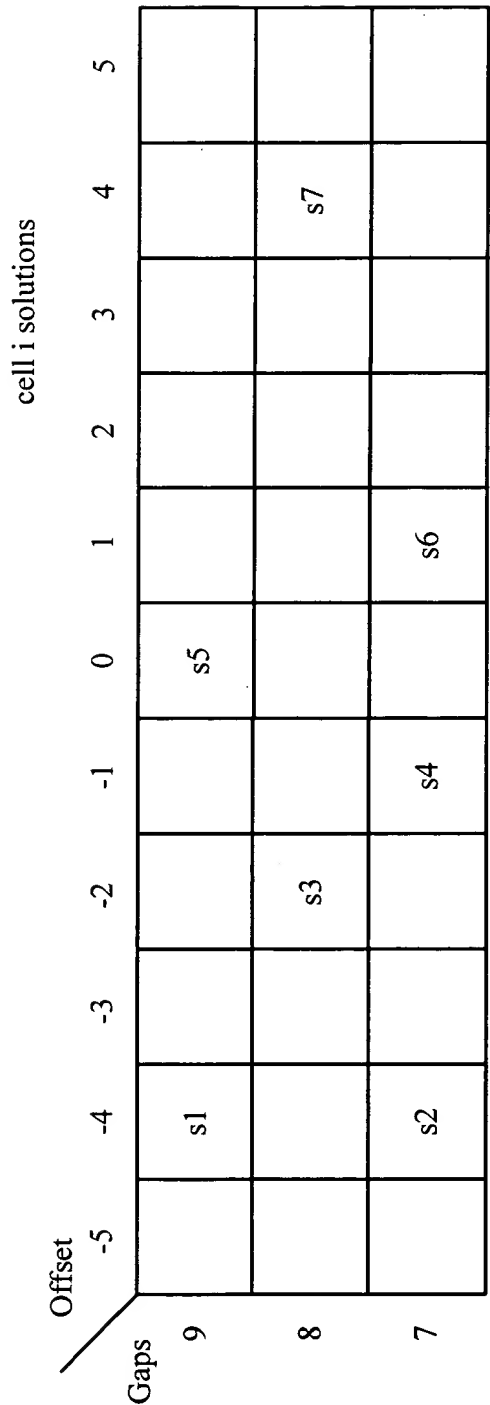
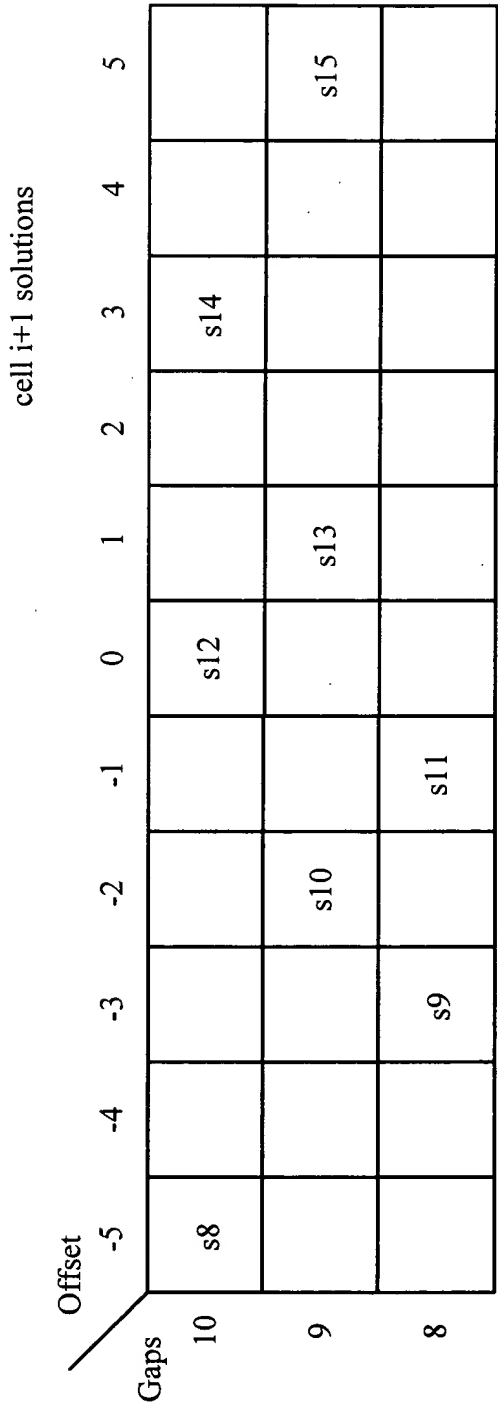
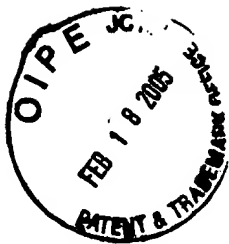


Figure 15





0	1	2	3	4	5	6	7	8	9	10	11
	B	B				X	X				

P	P	P	P			X	X				
---	---	---	---	--	--	---	---	--	--	--	--

O	O	O	O
---	---	---	---

Figure 16



0	1	2	3	4	5	6	7	8	9	10	11
P	P	P	P			B	B				

						B	B				
--	--	--	--	--	--	---	---	--	--	--	--

Offset = 0, Gaps = 5, $x1/x2 = 7$

0	1	2	3	4	5	6	7	8	9	10	11
B	B					B	B				

				P	P	P	P				
--	--	--	--	---	---	---	---	--	--	--	--

Offset = 0, Gaps = 5, $x1/x2 = 8$

Figure 17

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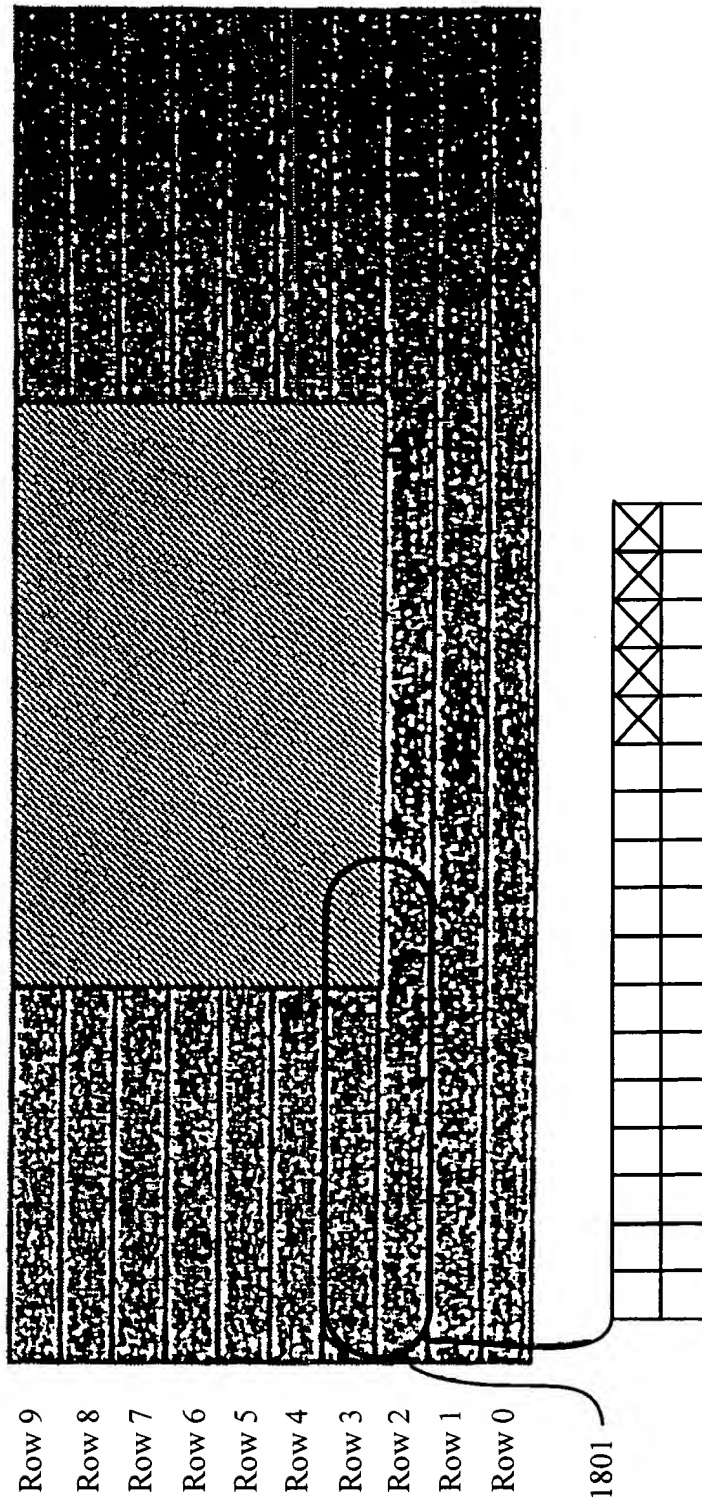


Figure 18

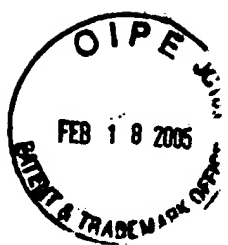
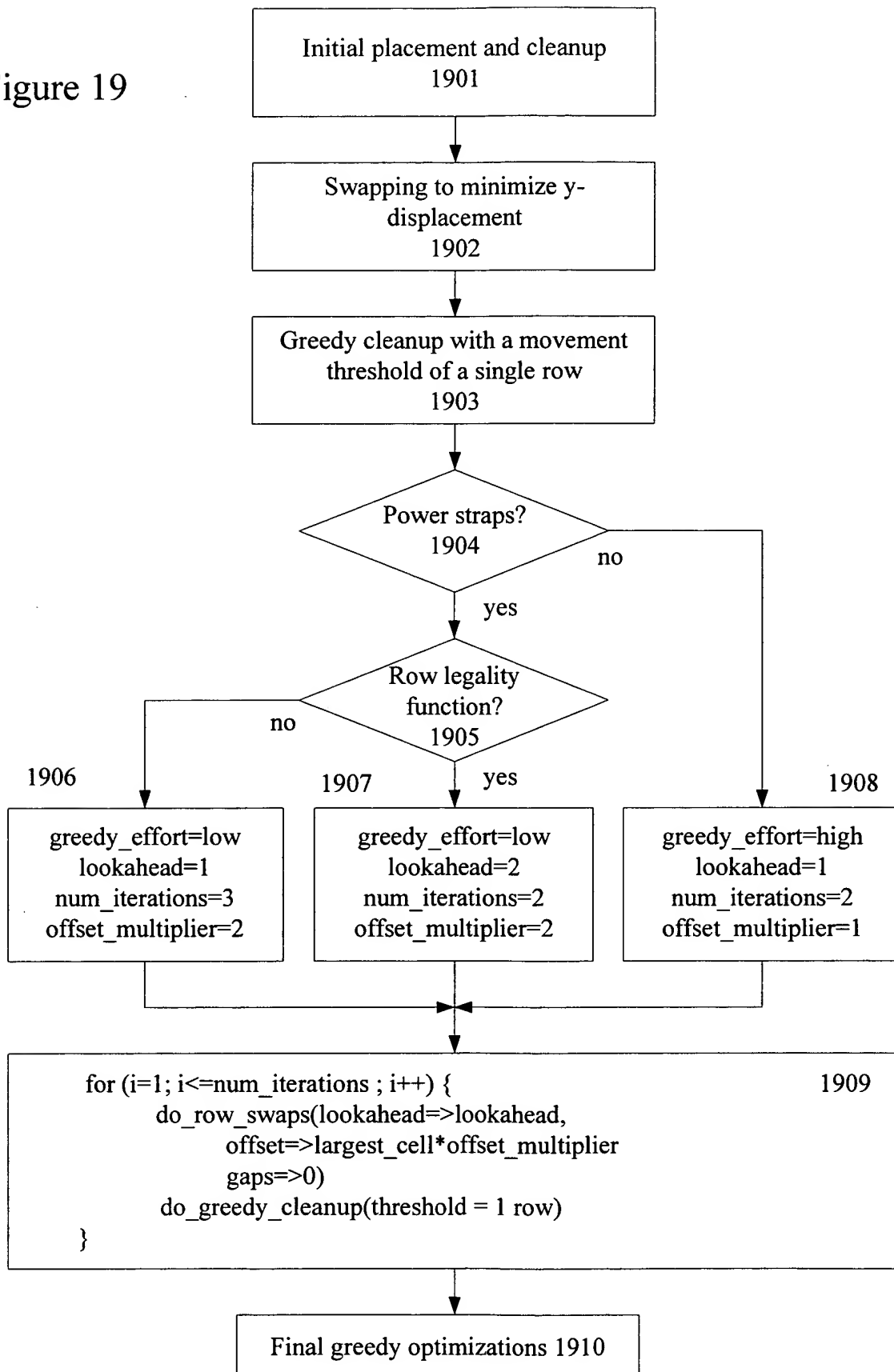
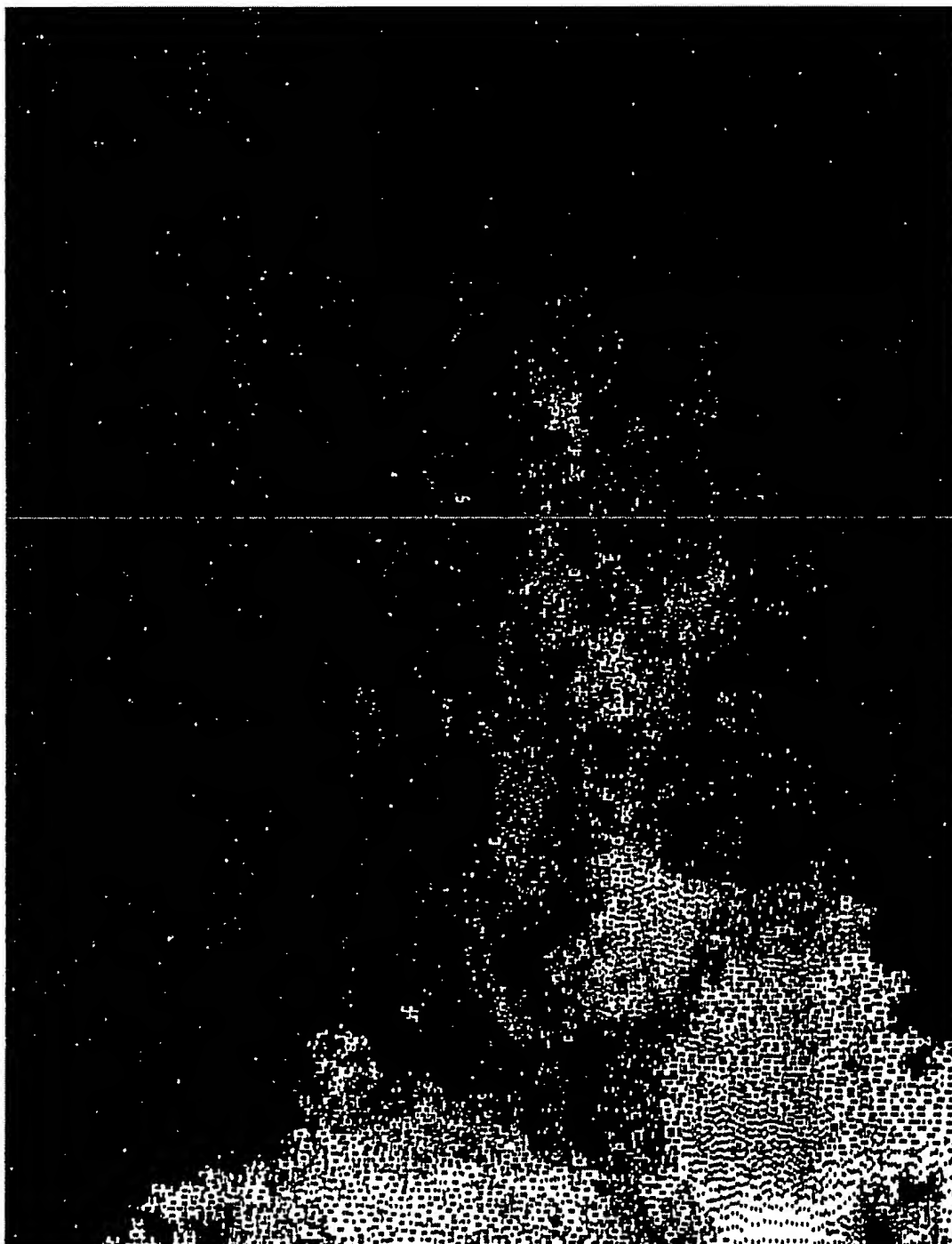


Figure 19





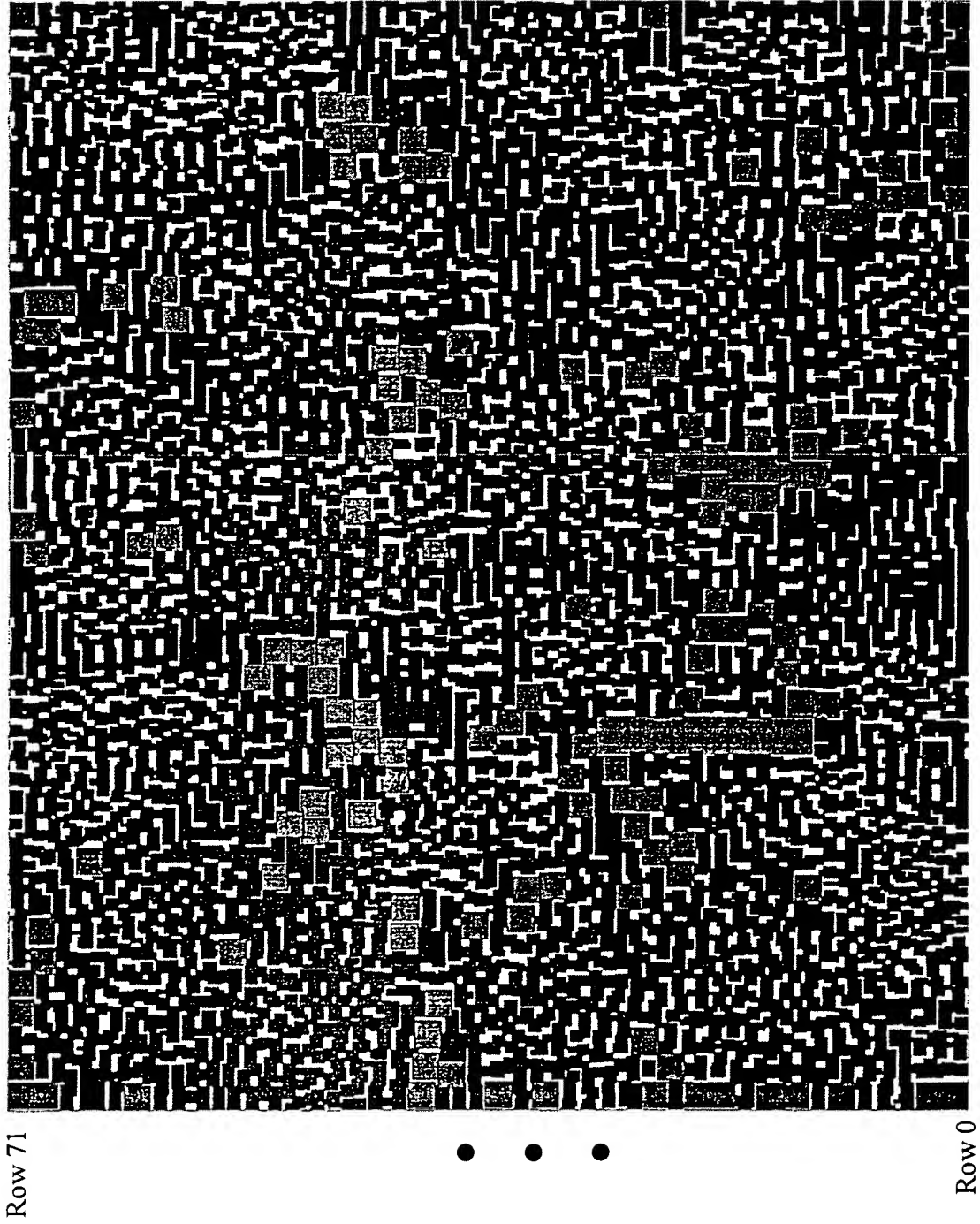
Best Available Copy



Before Detailed Placement

Figure 20

Best Available Copy

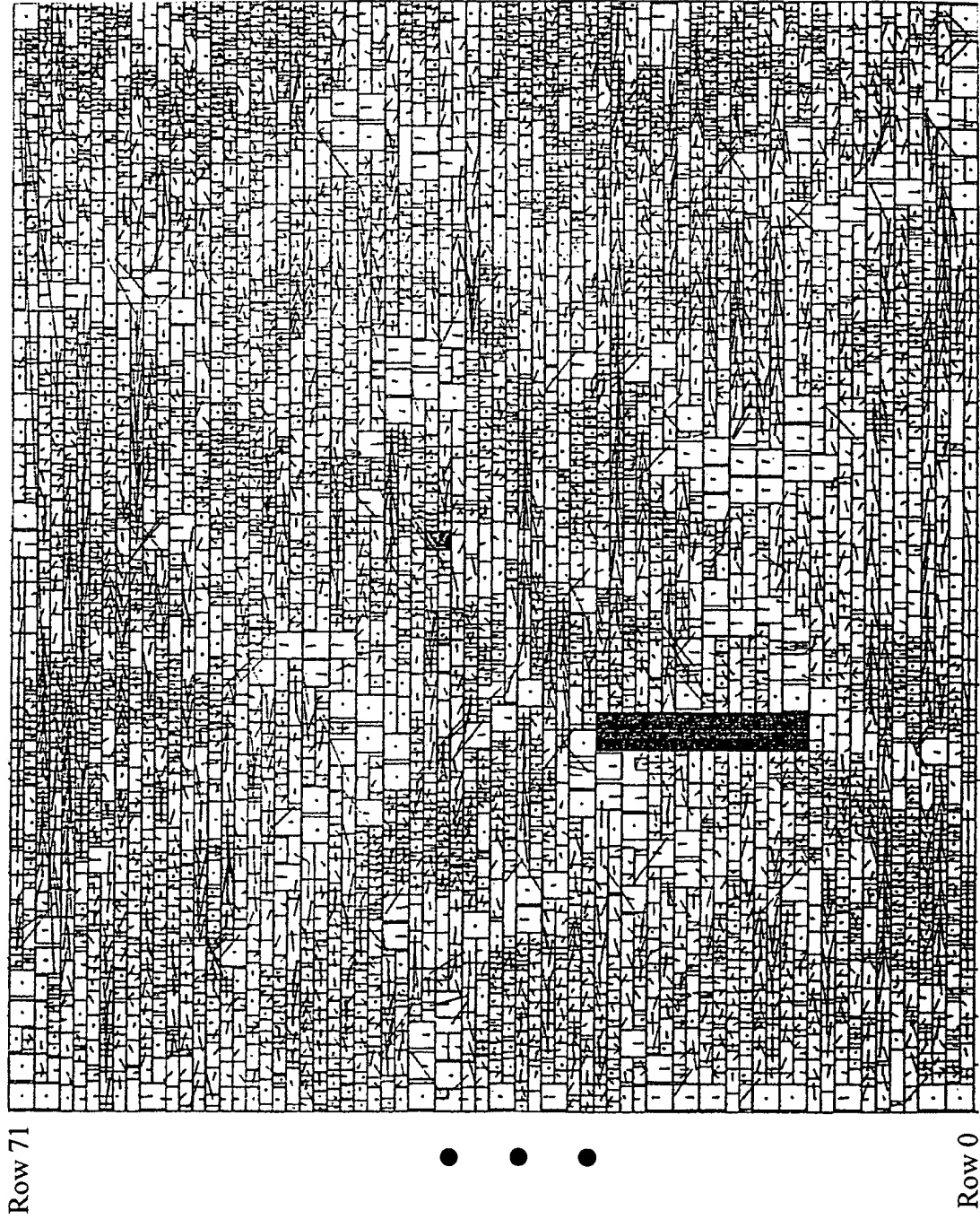


0 • • • 575
Before Detailed Placement

Figure 21



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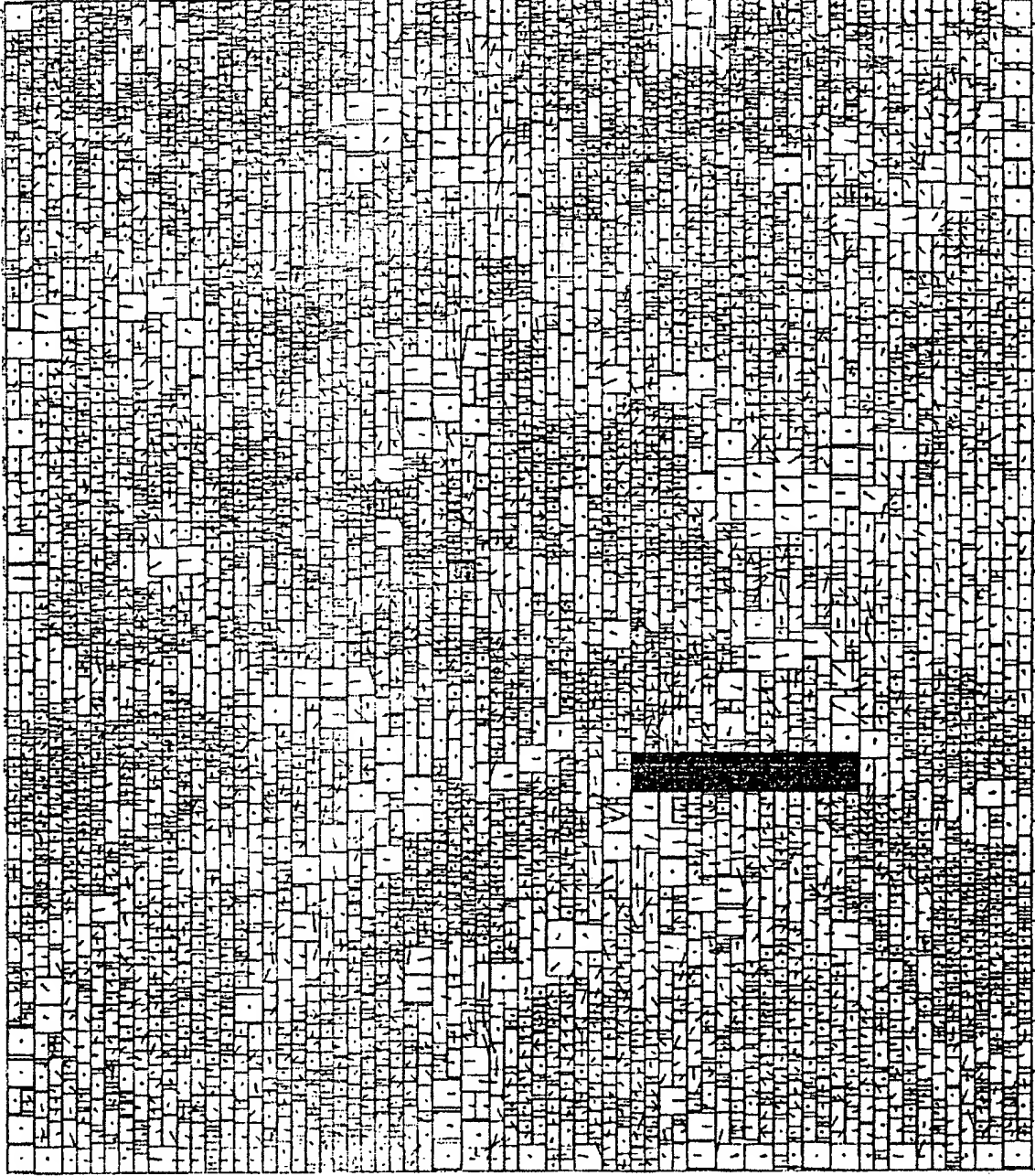
575

After Legalization

Figure 22



Row 71



Row 0

0

• • • • •

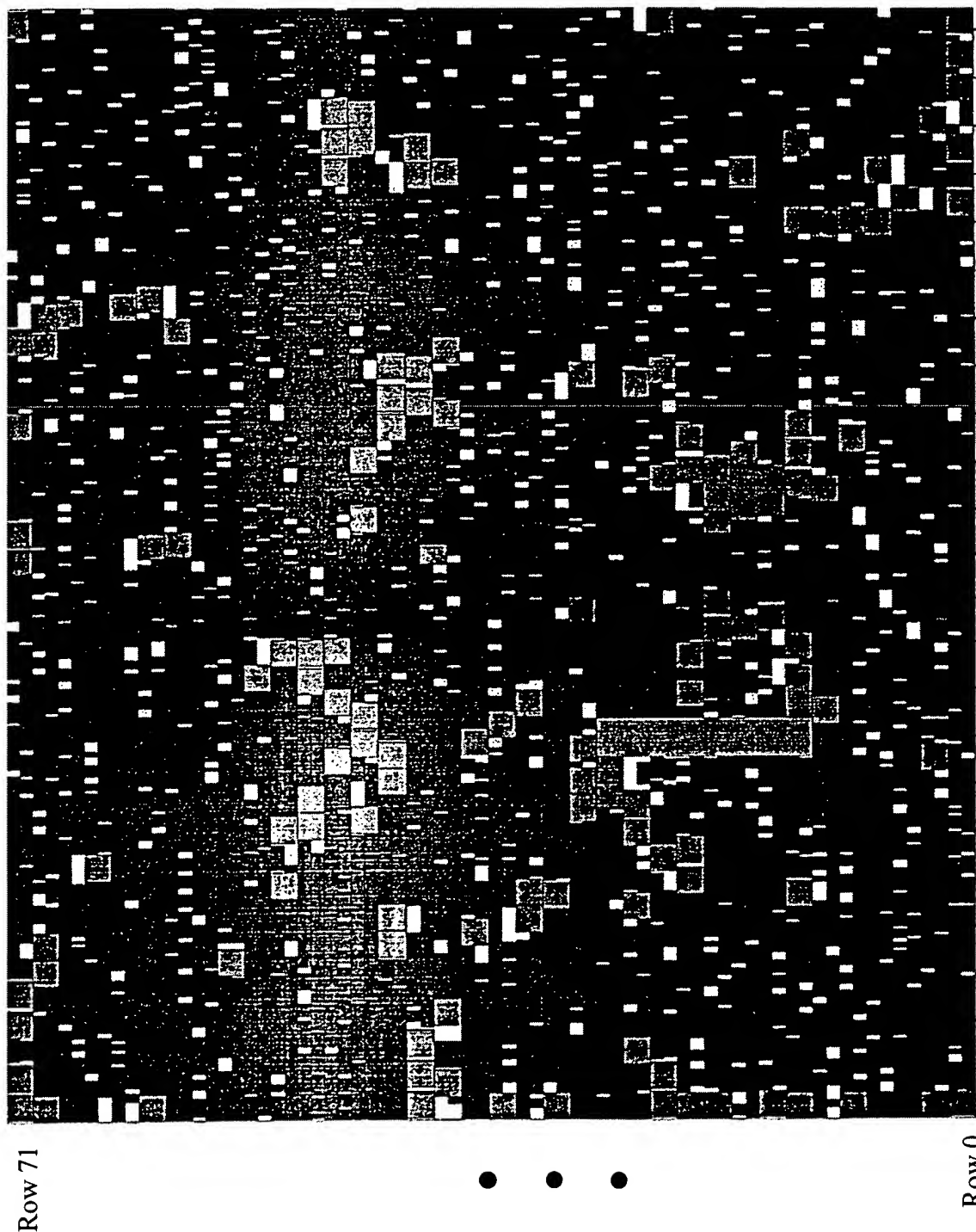
Displacement Vectors

Figure 23

575



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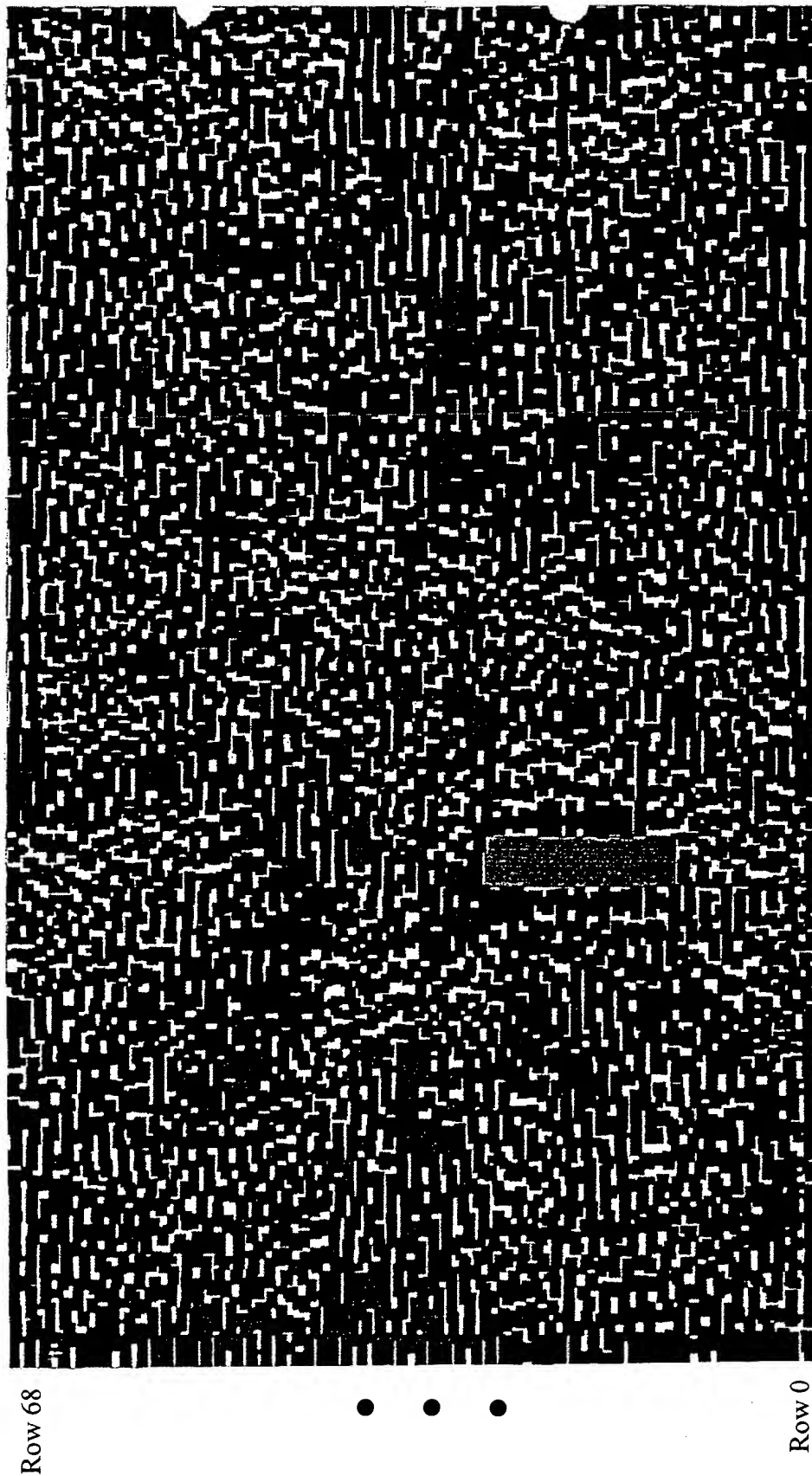


575

After Detailed Placement

Figure 24

Best Available Copy

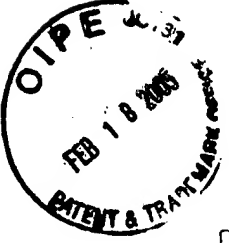


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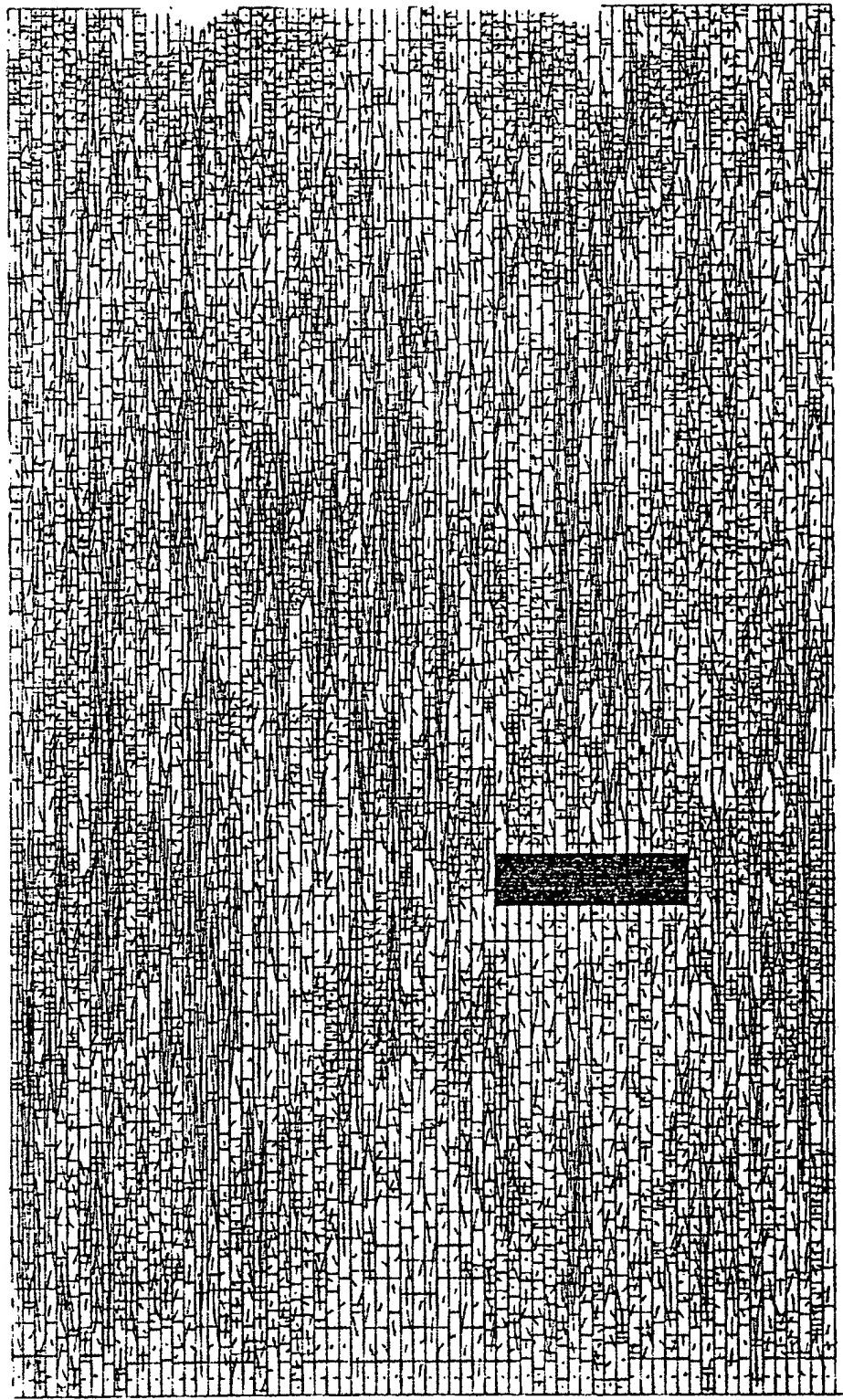
540

Before Detailed Placement

Figure 25



Best Available Copy



Row 68

Row 0



0

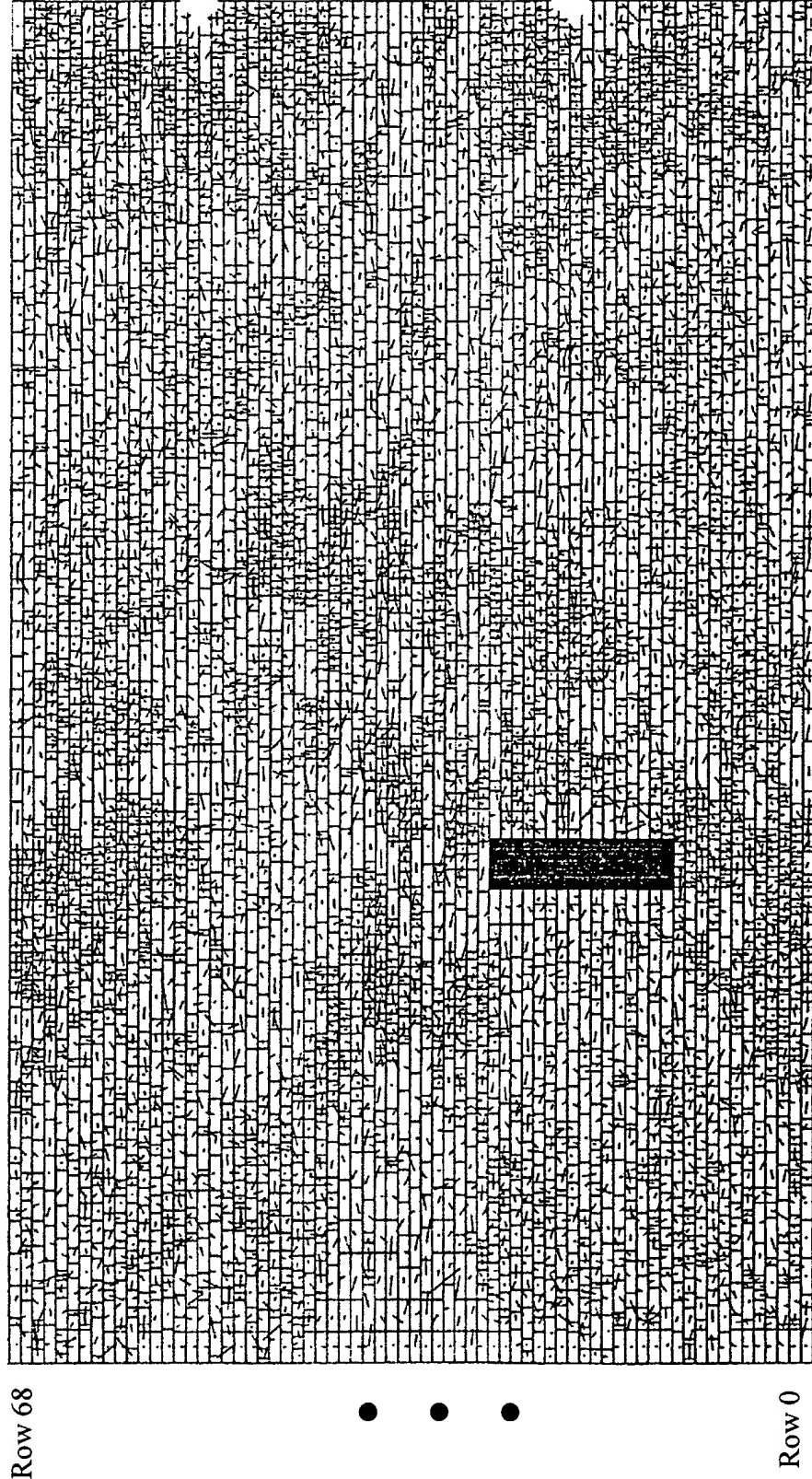
540



After Legalization

Figure 26

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0

• • • • •

540

Displacement Vectors

Figure 27



Best Available Copy

After Detailed Placement

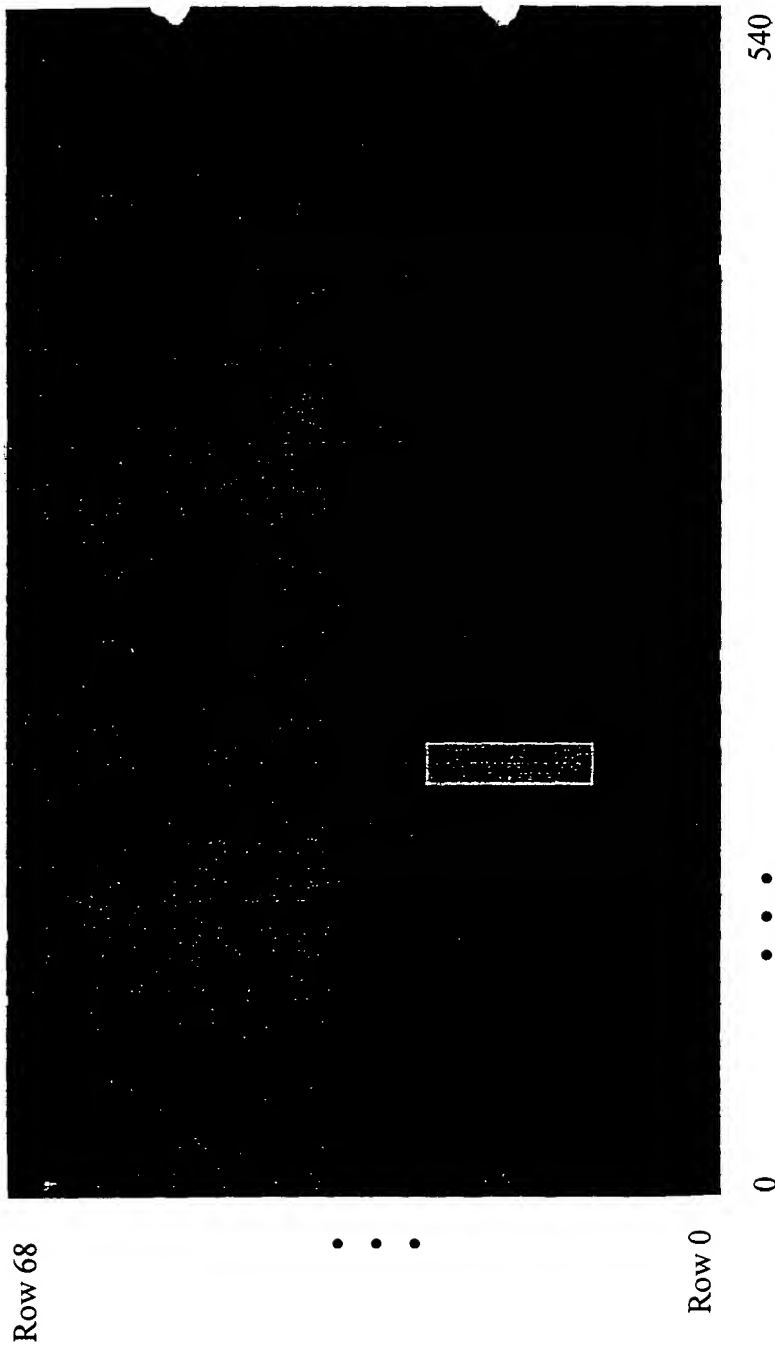


Figure 28